Thomas Tsirimokos, Esquire, P.O. Box 868, 65 Spit Brook Road, NHQ1-719, Nashua, NH 03061,

United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
RADIO STATION CONSTRUCTION PERMIT
AND LICENSE

EXPERIMENTAL	WE2XMO
(Nature of Service)	(Call Sign)
XD FX	0216-EX-RR-2010
(Class of Station)	(File Number)

NAME BAE Systems Information and Electronic Systems Integration Inc.

Subject to the provisions of the Communications Act of 1934, subsequent acts, and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions and requirements set forth in this license, the licensee hereof is hereby authorized to use and operate the radio transmitting facilities hereinafter described for radio communications in accordance with the program of experimentation described by the licensee in its application for license.

Operation: In accordance with Sec. 5.3(i) of the Commission's Rules

Station Locations

(1) Litchfield (HILLSBOROUGH), NH - NL 42-48-22; WL 71-25-33

Frequency Information

Litchfield (HILLSBOROUGH), NH - NL 42-48-22; WL 71-25-33

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
8 MHz	FX	N0N	0.007 W (ERP)	
10.5 MHz	FX	N0N	0.007 W (ERP)	
20.02 MHz	FX	N0N	0.007 W (ERP)	
40.02 MHz	FX	N0N	0.007 W (ERP)	

This authorization effective September 30, 2010 and will expire 3:00 A.M. EST January 10, 2012

FEDERAL COMMUNICATIONS COMMISSION

Frequency Information

Litchfield (HILLSBOROUGH), NH - NL 42-48-22; WL 71-25-33

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
60.02 MHz	FX	N0N	0.007 W (ERP)	
70 MHz	FX	N0N	0.007 W (ERP)	
80 MHz	FX	N0N	0.007 W (ERP)	
90 MHz	FX	N0N	0.007 W (ERP)	
100 MHz	FX	N0N	0.007 W (ERP)	
110 MHz	FX	N0N	0.007 W (ERP)	
120.1 MHz	FX	N0N	0.007 W (ERP)	
130 MHz	FX	N0N	0.007 W (ERP)	
140 MHz	FX	N0N	0.007 W (ERP)	
150 MHz	FX	N0N	0.007 W (ERP)	

Frequency Information

Litchfield (HILLSBOROUGH), NH - NL 42-48-22; WL 71-25-33

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
160 MHz	FX	N0N	0.007 W (ERP)	
170 MHz	FX	N0N	0.007 W (ERP)	
180 MHz	FX	N0N	0.007 W (ERP)	
190 MHz	FX	N0N	0.007 W (ERP)	
200 MHz	FX	N0N	0.007 W (ERP)	
210 MHz	FX	N0N	0.007 W (ERP)	
220 MHz	FX	N0N	0.007 W (ERP)	
230.025 MHz	FX	N0N	0.007 W (ERP)	
240 MHz	FX	N0N	0.007 W (ERP)	
250.125 MHz	FX	N0N	0.007 W (ERP)	

Frequency Information

Litchfield (HILLSBOROUGH), NH - NL 42-48-22; WL 71-25-33

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
260 MHz	FX	N0N	0.007 W (ERP)	
270 MHz	FX	N0N	0.007 W (ERP)	
281.025 MHz	FX	N0N	0.007 W (ERP)	
290.025 MHz	FX	N0N	0.007 W (ERP)	
300 MHz	FX	N0N	0.007 W (ERP)	
350.05 MHz	FX	N0N	0.007 W (ERP)	
400 MHz	FX	N0N	0.007 W (ERP)	
450 MHz	FX	N0N	0.007 W (ERP)	
500 MHz	FX	N0N	0.007 W (ERP)	
550 MHz	FX	N0N	0.007 W (ERP)	

Frequency Information

Litchfield (HILLSBOROUGH), NH - NL 42-48-22; WL 71-25-33

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
600 MHz	FX	N0N	0.007 W (ERP)	
646.825 MHz	FX	N0N	0.007 W (ERP)	
700.125 MHz	FX	N0N	0.007 W (ERP)	
757.85 MHz	FX	N0N	0.007 W (ERP)	
800 MHz	FX	N0N	0.007 W (ERP)	
858.287 MHz	FX	N0N	0.007 W (ERP)	
902.025 MHz	FX	N0N	0.007 W (ERP)	
999.95 MHz	FX	N0N	0.007 W (ERP)	

Special Conditions:

(1) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.

(2) Licensee should be aware that other stations may be licensed on these frequencies and if any interference occurs, the licensee of this authorization will be subject to immediate shut down.

(3) The station identification requirements of Section 5.115 of the Commission's Rules are waived.

(4) Licensee should be prepared to shut down if the test range cause harmful interference to Auxiliary Broadcasting operations in the immediate vicinity.

Special Conditions:

(5) Operation is NOT PERMITTED use of the frequencies 230 MHz, 250 MHz, 280 MHz, 290 MHz and 350 MHz for this renewal due to potential interference to Federal Government operations.

(6) Licensee is approved to use the frequencies 230.025 MHz, 250.125 MHz, 281.025 MHz, 290.025 MHz and 350.05 MHz instead of using 230 MHz, 250 MHz, 280 MHz, 290 MHz and 350 MHz for this experiment.

(7) The designated point-of-contact to terminate transmissions if interference occurs is Richard Ball at 603-318-6913.